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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/516,837	08/09/2005	Robert Paul Anderson	133089.01501(144404US01)	5528
34141	7590	06/25/2010		
Pepper Hamilton LLP 400 Berwyn Park 899 Cassatt Road Berwyn, PA 19312-1183			EXAMINER ROONEY, NORA MAUREEN	
			ART UNIT 1644	PAPER NUMBER
			MAIL DATE 06/25/2010	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

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ANDERSON ET AL.

**EXAMINER**

NORA M. ROONEY

ART UNIT	PAPER
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1644 20100409

DATE MAILED:

**Please find below and/or attached an Office communication concerning this application or proceeding.**

**Commissioner for Patents**

This application contains sequence disclosures that are encompassed by the definitions for nucleotide and/or amino acid sequences set forth in 37 CFR 1.821(a)(1) and (a)(2). However, this application fails to comply with the requirements of 37 CFR 1.821 through 1.825 for the reason(s) set forth below or on the attached Notice To Comply With Requirements For Patent Applications Containing Nucleotide Sequence And/Or Amino Acid Sequence Disclosures. The application lacks a sequence listing, both paper and CRF.

The specification and drawings contain peptide sequences that require Seq ID NOs. In particular, Figures 12, 14 and 17-27; page 66, lines 6-8; page 69, lines 5-6, 14 and 22; page 70, lines 2-4; page 71, lines 3-4, 6-7, 12-13 and 16-28; page 73, lines 18-32; page 74, lines 11-25 and 28-32; page 75, lines 1-4 and 29; page 76, line 5; and Tables 1, 3, 5-8, 11-12, 19-21 and 23-24 contain numerous peptide sequences that require SEQ ID NOs. Applicant is requested to check the entire specification to make sure it is in sequence compliance.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nora M. Rooney whose telephone number is (571) 272-9937. The examiner can normally be reached Monday through Friday from 8:30 am to 5:00 pm. A message may be left on the examiner's voice mail service. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ram Shukla can be reached on (571) 272-0735. The fax number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

April 9, 2010  
Nora M. Rooney  
Patent Examiner  
Technology Center 1600

/Nora M Rooney/  
Examiner, Art Unit 1644.

